

10/517510

SEQUENCE LISTING

<110> Merck & Co., Inc.
Harvey, Diane Marie
Yang, Yi
Kohl, Nancy

<120> ISOLATED NUCLEIC ACID MOLECULE ENCODING
A NOVEL CENTROMERE-ASSOCIATED MOTOR PROTEIN, AND USES
THEREOF

<130> 21023-PCT

<150> 60/387,403

<151> 2002-06-10

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<170> FastSEQ for Windows Version 4.0

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 35 40 45
 Phe Asp Arg Val Phe His Gly Asn Glu Thr Thr Lys Asn Val Tyr Glu
 50 55 60
 Glu Ile Ala Ala Pro Ile Ile Asp Ser Ala Ile Gln Gly Tyr Asn Gly
 65 70 75 80
 Thr Ile Phe Ala Tyr Gly Gln Thr Ala Ser Gly Lys Thr Tyr Thr Met
 85 90 95
 Met Gly Ser Glu Asp His Leu Gly Val Ile Pro Arg Ala Ile His Asp
 100 105 110
 Ile Phe Gln Lys Ile Lys Lys Phe Pro Asp Arg Glu Phe Leu Leu Arg
 115 120 125
 Val Ser Tyr Met Glu Ile Tyr Asn Glu Thr Ile Thr Asp Leu Leu Cys
 130 135 140
 Gly Thr Gln Lys Met Lys Pro Leu Ile Ile Arg Glu Asp Val Asn Arg
 145 150 155 160
 Asn Val Tyr Val Ala Asp Leu Thr Glu Glu Val Val Tyr Thr Ser Glu
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 Met Ala Leu Lys Trp Ile Thr Lys Gly Glu Lys Ser Arg His Tyr Gly
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 Glu Thr Lys Met Asn Gln Arg Ser Ser Arg Ser His Thr Ile Phe Arg
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 Met Ile Leu Glu Ser Arg Glu Lys Gly Glu Pro Ser Asn Cys Glu Gly
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 Ser Val Lys Val Ser His Leu Asn Leu Val Asp Leu Ala Gly Ser Glu
 225 230 235 240
 Arg Ala Ala Gln Thr Gly Ala Ala Gly Val Arg Leu Lys Glu Gly Cys
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Gln	Phe	Ala	Ser	Thr	Ala	Lys	Tyr	Met	Lys	Asn	Thr	Pro	Tyr	Val	Asn
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His	His	His													
		355													